

REMARKS

Claims 1-16 have been deleted and replaced with new Claims 17-36 to better define the invention. Claims 17-36 are now pending in this application.

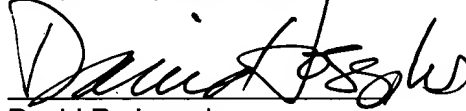
The application is now believed to be in proper form for favorable consideration on the merits.

The Office is authorized to charge Deposit Account 02-0900 for any additional fees in connection with the filing of this paper.

The Examiner is invited to telephone the undersigned should any questions arise.

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Respectfully submitted,



David R. Josephs
Registration No. 34,632
BARLOW, JOSEPHS & HOLMES, LTD.
101 Dyer Street, 5th Floor
Providence, RI 02903
Tel: 401-273-4446
Fax: 401-273-4447

Attachment A

(S/N: To be Assigned)

Please delete Claims 1-16.

Please add the following new claims:

17. An ink-jet transfer system, comprising:
 - a) a carrier material;
 - b) an adhesive layer applied onto said carrier material, said adhesive layer including dispersed spherical polyester particles of a granular size of less than 30 μm ;
 - c) a white background layer applied onto the adhesive layer; said white background layer including an elastic plastic and white inorganic pigment, wherein said elastic plastic and white inorganic pigment do not melt at a temperature up to about 220°C; and
 - d) an ink-receiving layer applied onto said white background.
18. The ink-jet transfer system of Claim 17, wherein the ink-receiving layer comprises a binder, whereby molecules of the binder are capable of forming chemical bonds to ink dyestuff molecules.
19. The ink-jet transfer system of Claim 17, wherein the ink-receiving layer comprises a pigment, whereby molecules of the pigment are capable of forming chemical bonds to ink dyestuff molecules.
20. The ink-jet transfer system of Claim 18, wherein the dyestuff molecules are azo-dyestuff molecules.
21. The ink-jet transfer system of Claim 19, wherein the dyestuff molecules are azo-dyestuff molecules.
22. The ink-jet transfer system of Claim 17, wherein the ink-receiving layer comprises a polyimide binder.

23. The ink-jet transfer system of Claim 19, wherein the ink-receiving layer comprises a polyimide pigment.
24. The ink-jet transfer system of Claim 23, wherein the ink-receiving layer comprises a polyamide pigment having a surface area of at least about 15 m²/g and a mean granular size of about 2 to 25 μm and a polyimide binder.
25. The ink-jet transfer system of Claim 24, wherein the ratio between the pigment and the binder is between about 5:1 and about 1:1
26. The ink-jet transfer system of Claim 25, wherein the ratio between the pigment and the binder is about 2.4:1.
27. The ink-jet transfer system of Claim 17, wherein the elastic plastics of the white background layer are selected from the group consisting of polyurethanes, polyacrylates and polyalkylenes.
28. The ink-jet transfer system of Claim 17, wherein the white inorganic pigments in the white background layer are selected from the group consisting of BaSO₄, ZnS, TiO₂, ZnO, and SbO.
29. The ink-jet transfer system of Claim 17, wherein the adhesive layer is a hot-melt layer.
30. The ink-jet transfer system of Claim 29, wherein the hot-melt layer comprises a mixture of an ethylene acrylic acid copolymer and polyester particles of a granular size of less than or equal to 20 μm.
31. The ink-jet transfer system of Claim 17, wherein the carrier layer comprises a heat-resistant separating paper.
32. The ink-jet transfer system of Claim 31, wherein the heat-resistant separating paper is silicon paper.

33. The ink-jet transfer system of Claim 17, wherein the ink-receiving layer further comprises a dispersing additive for the pigment.

34. A method for the preparation of an ink-jet transfer system, comprising the steps of:

- a) providing a carrier material;
- b) applying an adhesive layer including dispersed spherical polyester particles of a granular size of less than 30 μm ;
- c) applying a white background layer having an elastic plastic and white inorganic pigment, wherein said elastic plastic and white pigment do not melt at a temperature up to about 220°C;
- d) applying an ink-receiving layer onto the white background layer; and
- e) drying the ink-jet transfer system.

35. The method of Claim 34, wherein the step of applying an ink-receiving layer is applying two ink-receiving layers.

36. The method of Claim 34, further comprising the steps of:

- printing a graphic representation by a computer via a printer onto the ink-receiving layer;
- hot iron pressing the ink-receiving layer onto a textile substrate; and
- removing the carrier material.